1. Applicant's invention and Goward teaching comparison.

Applicant's invention: (See Figs.1, [0005], [0005], Specification)	Goward's teaching:
A. requests for a Web page	a. client 104 first sends a request through a URL to web server 109 ([0040])
B. identifies an Active Server Page (ASPL file)	b. web server 109 selects a servlet, such as servlet 110. Note that instead of selecting a servlet, web server 109 may also select a static <u>HTML page</u>, <u>a</u> <u>server page</u> or a graphics file to display ([0040])
C. receives an ASPL file	c. servlet 110 selects <u>a server page</u> ([0041])
D. an ASPL file 102 defines a user interface template using the ASPL **language**	d. servlet 110 may select any one of server pages 211-213 to execute based upon parameters of the request. Servlet 110 then invokes <u>a method</u> <u>defined within an associated template</u>

	to execute the server page ([0041])
E. compiles the ASPL into a byte code format	e. server page 211 is first retrieved from its file (step 502), compiled ([0044])
F. ttores the byte code data in an ASPH file	f. and compiled into a compiled server page ([0044])
G. The requested Web page is then provided to a source of the request.	g. the compiled server page is executed to compute any required data values and to generate display page ([0044])

It should be noted that the features identifying an ASPL file, using ASPL language to define a user interface template, compiling ASPL file into byte codes are not clearly recited in the independent claims.

Goward implicitly teaches "byte codes" as in a compiled server page.

Goward does not explicitly use the term "byte codes".

Viswanath teaches the Active Server Page (i.e. Active Server Pages (ASP) by Microsoft, Inc., along with or instead of an actual JSP, [0064]) which to be implemented by other languages. Therefore, the "other languages" of Viswanath should be interpreted as Active Server Page Language.

Viswanath teaches the Active Server Page including byte code *(i.e. JSP JSP-S*

may be compiled into bytecode, e.g., into a servlet, e.g., servlet SV, upon recognition by

server 100S. Importantly, JSP JSP-S can also call helper classes H, also deployed by

server 100S, to provide additional processing, [0065]; JSP JSP-S is compiled into

bytecode, e.g., into a servlet (e.g., servlet SV) upon recognition by server 100S.

Importantly, JSP JSP-S can also call helper classes H, also deployed by server 100S,

to provide additional processing. [0048]).

It would have been obvious to one of ordinary skill of the art having the teaching

of Goward and Viswanath at the time the invention was made to modify the system of

Goward to include the limitations as taught by Viswanath. One of ordinary skill in the art

would be motivated to make this combination in order to compile JSP-S into bytecode,

e.g., into a servlet (e.g., servlet SV) upon recognition by server in view of Viswanath

([0048]), as doing so would give the added benefit of providing a method and/or system

for handling requests from a user and rendering a resulting page in HTML useful in

effectuating aspects of an order management system, which reduces the redundancy in

the underlying code required to effectuate the page as taught by Viswanath ([0009]).

2. Goward reads on Claims 1, 8 as follows:

a request for a Web page limitation equates to a request through a URL to web

server of Goward ([0040], Goward)

identifying an Active Server Page equates to web server 109 may also select a

static HTML page, a server page or a graphics file ([0040], Goward)

Active Server Page limitation equates to a static HTML page, <u>a server page</u> or a

graphics file of Goward ([0040], Goward), or JSP, ASP of Goward (i.e. the server page

includes one of a Java Server Page (JSP), and an Active Server Page (ASP), [0019],

Goward).

a compiled user interface template limitation equates to an associated template

of Goward ([0041], Goward)

Active server page Language limitation equates to Jave of ASP language of

Goward ([0005], Goward)

an application program interface limitation equates to a Servlet of Goward

([0041], Goward)

a system language limitation equates to the language to execute the complied

server page of Goward (i.e. executing the compiled server page to generate the display

page, [0012], Goward).

3. Goward reads on Claims 7, 21 as follows:

identifying a plurality of user interface templates equates to the system provides

a different template instance of Goward (i.e. the system provides a different template

instance for each server page that is currently active within the servlet, [0017], Goward)

Active server page Language limitation equates to Jave of ASP language of

Goward ([0005], Goward)

a Web-based application equates to Server page of Goward (i.e. Server page

211 is first retrieved from its file (step 502), and is compiled into a compiled server page

(step 504). Next, the compiled server page is executed to compute any required data values and to generate display page 221 (step 506), [0044], Goward)

compiling each of the plurality of user interface templates into a single file equates to Server page 211 is first retrieved from its file (step 502), and is compiled into a compiled server page of Goward (i.e. Server page 211 is first retrieved from its file (step 502), and is compiled into a compiled server page (step 504). Next, the compiled server page is executed to compute any required data values and to generate display page 221 (step 506), [0044], Goward)

a single file equates to a compiled server page of Goward ([0044], Goward)

Goward implicitly teaches "byte codes" as a compiled server page ([0044], Goward)

an execution engine that implements an Internet service application programming interface (ASAPI) equates to main program of Servlet 110 of Goward, [0048])

executing the plurality of byte codes equates to compiled server page is executed of Goward (i.e. Server page 211 is first retrieved from its file (step 502), and is compiled into a compiled server page (step 504). Next, the compiled server page is executed to compute any required data values and to generate display page 221 (step 506), [0044], Goward).

4. Goward reads on Claims 13, 24 as follows:

creating a plurality of user interface templates equates to the system provides a different template instance of Goward (i.e. the system provides a different template instance for each server page that is currently active within the servlet, [0017], Goward)

a Web-based application equates to server page of Goward (i.e. the system provides a different template instance for each server page that is currently active within the servlet, [0017], Goward)

creating a plurality of user interface templates associated with a Web-based application equates to the system provides a different template instance for each server page of Goward (i.e. the system provides a different template instance for each server page that is currently active within the servlet, [0017], Goward)

compiling the plurality of user interface templates into a plurality of byte codes equals to Server page 211 is first retrieved from its file (step 502), and is compiled into a compiled server page of Goward (i.e. Server page 211 is first retrieved from its file (step 502), and is compiled into a compiled server page (step 504). Next, the compiled server page is executed to compute any required data values and to generate display page 221 (step 506), [0044], Goward)

It should be noted that each server page of Goward associated with one or more templates as mentioned above, therefore the step of compiling the server page into a compiled server page of Goward implies compiling a plurality of templates into a single file.

a plurality of byte codes equates to a compiled server page of Goward (i.e. Server page 211 is first retrieved from its file (step 502), and is compiled into a compiled

server page (step 504). Next, the compiled server page is executed to compute any

required data values and to generate display page 221 (step 506), [0044], Goward)

storing the plurality of byte codes a single file equates to Server page 211 is first

retrieved from its file (step 502), and is compiled into a compiled server page of Goward

(i.e. Server page 211 is first retrieved from its file (step 502), and is compiled into a

compiled server page (step 504). Next, the compiled server page is executed to

compute any required data values and to generate display page 221 (step 506), [0044],

Goward)

a single file equates to a compiled server page of Goward ([0044], Goward)

an execution engine in a Web server equates to main program of Servlet 110 of

Goward, [0048])

an Internet service application programming interface (ISAPI) equates to main

program of Servlet 110 of Goward, [0048])

Active server page Language limitation equates to Jave of ASP language of

Goward ([0005], Goward)

A system language limitation equates to the language to execute the complied

server page of Goward (i.e. executing the compiled server page to generate the display

page, [0012], Goward).

5. Goward does teach **identifying an Active Server Page associated with the**

requested Web page, wherein the Active Server Page includes a compiled user

interface template in paragraphs 0040, 0017 as in response to a request through a

URL to web server, web server 109 may also select a static <u>HTML page, a server page</u>

or a graphics file, and the system provides a different template instance for each server

page that is currently active within the servlet.

6. Applicant argues that "Goward fails to teach the above features as the template

in Goward is merely used the servlet to access the server page (e.g. an active

server page). Goward, paragraph [0019]. Thus, instead of teaching "the Active

Server Page including a compiled user interface created using an Active Server

Page Language" as is recited in claim 1. Goward is limited to teaching that a

template can be used to access the server page, such as the active server page.

Goward, paragraph [0019]. Goward's failure to teach that "<u>the Active Server Page</u>

<u>includes a compiled user interface template</u>" may also be seen in Goward Figure

2. Goward, Figure 2.

Goward Figure 2 clearly that shows that the template is included in the servlet

and not in an active server page", the Examiner respectfully traverses.

The Active Server Page includes a compiled user interface template equates to a

different template instance for each server page that is currently active of Goward (i.e.

the system provides a different template instance for each server page that is currently

active within the servlet, [0017], Goward)

7. Applicant argues that "Goward fails to teach or suggest the feature of "<u>an</u>

<u>application programming interface developed using a system language to</u>

generate the requested Web Page in the system language form the user interface

template created using the Active Server Page Language" because Goward never

teaches that the requested Web page may be generated "from the user interface

template created using the Active Server Page Language". Instead, Goward

simply teaches that the servlet can use the templates 201-203 to access server

pages. Goward paragraph [0036]", the Examiner respectfully disagrees, Goward

reads on the claimed limitations as follows:

an application program interface limitation equates to a Servlet of Goward

([0041], Goward)

a system language limitation equates to the language to execute the complied

server page of Goward (i.e. executing the compiled server page to generate the display

page, [0012], Goward)

user interface template created equates to the system provides a different

template instance (i.e. the system provides a different template instance for each server

page that is currently active within the servlet, [0017], Goward)

Active server page Language limitation equates to Jave of ASP language of

Goward ([0005], Goward).

8. Applicant argues that "The Office failed to cited any portion of Goward as

teaching the feature of a "user interface template created using the Active Server

page Language", the Examiner respectfully points out that:

User interface template created equates to the system provides a different

template instance (i.e. the system provides a different template instance for each server

page that is currently active within the servlet, [0017], Goward)

Active server page Language limitation equates to Java of ASP language of

Goward ([0005], Goward).

8. Applicant argues that "The Office has failed to establish how the teaching of a template in Goward teaches or suggests a user interface template"—claim 13, the

Examiner respectfully disagrees.

Goward teaches using a template, selecting a template in a plurality of templates

for each serve page (i.e. the system provides a different template instance for each

server page that is currently active within the servlet, [0017], Goward) to create a single

display page to the user (i.e. the system facilitates using multiple server pages to create

a single display page, [0014], Goward), therefore, the template of Goward is a user

interface template (i.e. It is also possible for a given template to be selectively

associated with different server pages. For example, in FIG. 2, server page 214 can be

selectively associated with either server page 213 or server page 214 or both, [0038],

Goward).

Further, the claimed limitation should clearly indicate that an ASPL file defines a

user interface template using the ASPL language as this feature is not recited in the

claim language.

9. Claims 2-5, user interface content HTML codes.

Goward teaches this limitation in [0005] (i.e. JSPs support dynamic scripting in addition to HyperText Markup Language (HTML) code, [0005], Goward)

10. Claim 6 (See Claim 1)

11. Goward teaches compiling each of the plurality of user interface templates into a single file as Server page 211 is first retrieved from its file (step 502), and is compiled into a compiled server page of Goward (i.e. Server page 211 is first retrieved from its file (step 502), and is compiled into a compiled server page (step 504). Next, the compiled server page is executed to compute any required data values and to generate display page 221 (step 506), [0044], Goward)

It should be noted that each server page of Goward associated with one or more templates as mentioned above, therefore the step of compiling the server page into a compiled server page of Goward implies compiling a plurality of templates into a single file.

a single file equates to a compiled server page of Goward ([0044], Goward).

12. Goward teaches executing the plurality of byte codes when the Web-based application is executed as follows:

Goward implicitly teaches "byte codes" as a compiled server page ([0044], Goward)

executing the plurality of byte codes equates to compiled server page is

executed of Goward (i.e. Server page 211 is first retrieved from its file (step 502), and is

compiled into a compiled server page (step 504). Next, the compiled server page is

executed to compute any required data values and to generate display page 221 (step

506), [0044], Goward)

a Web-based application equals to Server page of Goward (i.e. Server page 211

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Goward does not clearly use the term "byte codes".

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It would have been obvious to one of ordinary skill of the art having the teaching

of Goward and Viswanath at the time the invention was made to modify the system of

Goward to include the limitations as taught by Viswanath. One of ordinary skill in the art

would be motivated to make this combination in order to compile JSP-S into bytecode,

e.g., into a servlet (e.g., servlet SV) upon recognition by server in view of Viswanath

([0048]), as doing so would give the added benefit of providing a method and/or system

for handling requests from a user and rendering a resulting page in HTML useful in

effectuating aspects of an order management system, which reduces the redundancy in

the underlying code required to effectuate the page as taught by Viswanath ([0009]).

Applicant's arguments with respect to claims 1-26 have been considered but are

not persuasive.

/Miranda Le/
Primary Examiner, Art Unit 2169